



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Biopesticides and Pollution Prevention Division (7511P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

EPA Reg. Number:

57538-69

Date of Issuance:

2/26/2020

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

X-Tra Power Premier

Name and Address of Registrant (include ZIP Code):

Stoller Enterprises, Inc.  
 9090 Katy Freeway, Suite 400  
 Houston, Texas 77055

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product, always refer to the above EPA Registration Number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). In order to protect health and the environment, the Administrator, on his or her motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under the Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration or registration review of your product when the EPA requires all registrants of similar products to submit such data.

Signature of Approving Official:

Andrew Bryceland, Team Leader  
 Biochemical Pesticides Branch  
 Biopesticides and Pollution Prevention Division (7511P)  
 Office of Pesticide Programs

Date:

2/26/2020

2. Make the following labeling change before you release this product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 57538-69.”
3. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated 02/22/2020

Any CSFs other than those listed above are superseded.

If you have any questions, please contact Alex Horansky of my team by phone at (703) 347-0128 or via email at [Horansky.alex@epa.gov](mailto:Horansky.alex@epa.gov).

Sincerely,



Andrew Bryceland, Team Leader  
Biochemical Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs

Enclosure

[Denotes Optional Text]  
{Denotes Notes to Review}  
{Front Panel start}

# X-TRA POWER PREMIER™

**A Plant Growth Regulator and Yield Stimulant**

**ACTIVE INGREDIENT:**

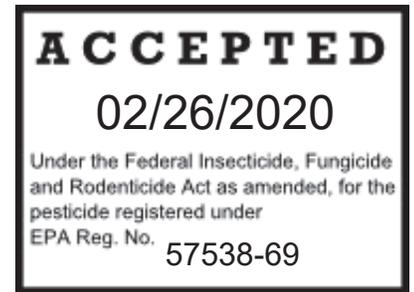
Cytokinin(as kinetin) . . . . .	0.0075%
INERT INGREDIENTS. . . . .	<u>99.9925%</u>
TOTAL . . . . .	100.00%

(Contains 0.044 g Cytokinin/pint)

CONTAINS NON-PLANT FOOD INGREDIENT:  
0.0075% Cytokinin

**GUARANTEED ANALYSIS**

Magnesium (Mg).....	0.80%
0.80% Chelated Magnesium	
Copper (Cu).....	0.80%
0.80% Chelated Copper	
Manganese (Mn).....	0.80%
0.80% Chelated Manganese	
Zinc (Zn) .....	3.20%
3.20% Chelated Zinc	



(Derived from Magnesium EAHP, Copper EAHP, Manganese EAHP, Zinc EAHP)

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals>.  
[F2399]

## KEEP OUT OF REACH OF CHILDREN CAUTION

**See additional Precautionary Statements [inside booklet] [on [back panel] [side panel] [other panel]].**

[Z-XTRAPREMIER]  
Batch Code:\_\_\_\_\_

EPA Reg. No. 57538-XX

EPA Est. No. 57538-TX-2  
57538-FL-1  
57538-IA-1

**NET WEIGHT:** 10.35 lbs/gal or 1.24 kg/L

**NET CONTENTS:**

1 Gal (4 L)    2.5 Gal (10 L)    5 Gal (19 L)    55 Gal (208 L)

{End Front Panel}  
{Optional labeling claims}

[X-TRA POWER PREMIER supplies micronutrients and cytokinin essential for optimum plant growth and development. It can be applied in-furrow, foliar, or through irrigation to support nutritional needs and help plants maintain proper hormone balance.]  
[Promotes plant vigor during early stages of plant development]  
[Increases seedling uniformity]  
[Reduces common early plant stress]  
[Promotes uniform seed production]  
[Enhances root growth and stem/stalk diameter]  
[Mixes with most fertilizers]  
[Mixes with most pesticides]  
[Is water soluble and will be taken up by the plant roots and seed without phytotoxicity when used as directed]  
[Will precondition the crop to better tolerate adverse weather conditions such as cold and hot weather, drought and flooded conditions when used as directed]  
[Allows a variety of applications including in-furrow, 2x2 application, foliar, drip-irrigation, overhead irrigation and sidedress solutions.]  
[Is formulated to enhance root growth and seedling vigor. ]  
[Contains micronutrients to aid deficient soils.]  
[Helps with phosphate uptake and utilization.]  
[Jump-starts germination and drives roots into the soil.]  
[Provides the right nutrient package for the vegetative growth of plants. ]  
[Contains a ratio of nutrients designed to promote the hormonal balance of young plants which increases early root development and plant vigor. ]  
[Up-regulates key genes associated with phosphate uptake and enhances its utilization ]  
[Corrects deficiencies of micronutrients essential for early plant growth.]  
[Gets the right nutrients to the right place at the right time to give plants the power they need for healthy, vigorous growth, improved quality and increased yield.]  
[Enhances root growth, seedling vigor and reproductive growth, setting the stage for higher yield potential.]  
[A unique formulation of magnesium, manganese, copper and zinc with growth supporting co-factors.]

<b>FIRST AID</b>	
If on skin or clothing	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If swallowed	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor, or are going for treatment. For medical emergencies, call the poison control center at 1-800-222-1222. For general information on this product, call 1-800-920-0131 during the hours of 8-5 EST weekdays, or contact the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8 AM to 12 PM PST, or at <a href="http://npic.orst.edu">http://npic.orst.edu</a> .	
<b>FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure or accident, call CHEMTREC 1-800-424-9300.</b>	

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**CAUTION:** Harmful if absorbed through the skin or swallowed. Avoid contact with skin, eyes and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Wear the appropriate Personal Protective Equipment (PPE).

#### Personal Protective Equipment (PPE)

Some materials that are chemical resistant to this product are any waterproof material. If you want more options, follow instructions for category A on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear:

- long-sleeved shirt and long pants,
- waterproof gloves such as polyethylene or polyvinyl chloride material
- Shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. When handlers use closed systems, enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

#### USER SAFETY RECOMMENDATIONS

- Users should remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

**For terrestrial uses:** Do not apply directly to water or areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment wash water or rinsate.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms and in forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours unless wearing the appropriate PPE.

For early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, wear:

- coveralls over long-sleeved shirt and pants,
- waterproof gloves such as polyethylene or polyvinyl chloride material and
- Shoes plus socks.

### CHEMIGATION[\*]

#### Application and Calibration Techniques for Sprinkler Irrigation

Apply this product only through the following types of irrigation systems: sprinkler including center pivot, traveler, big gun, lateral move, end tow, side (wheel) roll, solid set, or hand move irrigation; furrow; or drip (trickle) irrigation systems. Do not apply through any other types of irrigation systems. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, you should contact State Experiment Station specialists, equipment manufacturers or other experts. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person shall shut the system down and make necessary adjustments should the need arise.

[\*Not for use in California]

#### A. Center Pivot, Traveler, Big Gun, Lateral Move, End Tow, and Side (Wheel) Roll Irrigation

**Equipment:** Operate system and injection equipment at normal pressures recommended by the manufacturer of injection equipment used. Fill tank of injection equipment with water. Operate system for one complete circle for center pivot or one complete run for the other recommended equipment, measuring time required, amount of water injected, and acreage contained in circle or run. Mix recommended amount of product for acreage to be covered into same amount of water used during calibration and inject into system continuously for one revolution or run, but continue to operate irrigation system until product has been cleared from last sprinkler head. Spray mixture in the chemical supply tank must be agitated at all times, otherwise settling and uneven application may occur.

#### B. Solid Set and Hand Move Irrigation Equipment:

Determine acreage covered by sprinkler. Fill tank of injection equipment with water and adjust flow to use contents over a thirty to forty-five minute period. Mix desired amount of product for acreage to be covered into quantity of water used during calibration and operate entire system at normal pressures recommended by the manufacturer of injection equipment used for amount of time established during calibration. Provide constant mechanical agitation in the mix tank to insure that product will remain in suspension during the injection cycle. Product can be injected at the beginning or end of the irrigation cycle or as a separate application. Stop injection equipment after treatment is completed and continue to operate irrigation system until pesticide is cleared from last sprinkler head.

### **Safety Devices for Sprinkler Chemigation**

- (1) The systems designated above must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- (2) All pesticide injection pipelines must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- (3) The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- (4) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- (5) The irrigation line or water pump must include a functional pressure switch, which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- (6) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- (7) Do not apply when wind speed favors drift beyond the area intended for treatment.

### **Systems Connected to Public Water Sources**

- (1) Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of a year.
- (2) Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
- (3) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- (4) The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- (5) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops or, in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
- (6) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- (7) Do not apply when wind speed favors drift beyond the area intended for treatment.

### **Furrow Chemigation[\*]**

- (1) Systems using a gravity flow pesticide dispensing system must meter the pesticide into the water at the head of the field and downstream of a hydraulic discontinuity such as a drop structure or weir box to decrease potential for water source contamination from backflow if water flow stops.
- (2) Systems utilizing a pressurized water and pesticide injection system must meet the following requirements:
  - a. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

- b. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- c. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- d. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- e. The irrigation line or water pump must include a functional pressure switch, which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- f. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Apply X-TRA POWER PREMIER in sufficient water to penetrate into the root zone without excessive leaching into deeper soil.

[\*Not for use in California]

### **Drip (Trickle) Chemigation[\*]**

- (1) The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- (2) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- (3) The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- (4) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- (5) The irrigation line or water pump must include a functional pressure switch, which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- (6) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Apply X-TRA POWER PREMIER in sufficient water to penetrate into the root zone without excessive leaching into deeper soil.

[\*Not for use in California]

### **GENERAL USE INSTRUCTIONS**

X-TRA POWER PREMIER provides plant essential nutrients Zinc, Manganese, Magnesium, and Copper. X-TRA POWER PREMIER is formulated for efficient uptake by root and leaf tissues of the plant. Mix X-TRA POWER PREMIER with enough water to get thorough coverage of plant surfaces. X-TRA POWER PREMIER is compatible with most fertilizer and pesticide materials, but always conduct a jar test when using an untried combination to ensure compatibility.

### **CROP USAGE – ALL CROPS LISTED FOR TRANSPLANTING[\*] AND SEED BED TREATMENT[\*]**

Use 32 fl. oz. /acre X-TRA POWER PREMIER per acre (2.4 liters/hectare) or 1 part X-TRA POWER PREMIER to 1000 parts water as a root dip and watering solution when transplanting.

Use 32 fl. oz. /acre X-TRA POWER PREMIER per acre (2.4 liters/hectare) applied to the seedbed at time of seeding or up to 20 days thereafter.

[\*Not for use in California]

### **DILUTION:**

For applications by ground application equipment dilute recommended rate of X-Tra Power Premier in a minimum of 10 gallons of water or spray solution, for low volume aerial applications dilute recommended rate in a minimum of 2 gallons of water or spray solution.

**MIXING INSTRUCTION:** Follow this mixing order 1. Water 2. X-TRA POWER PREMIER 3. Pesticide. X-TRA POWER PREMIER will disperse in water with little agitation. X-TRA POWER PREMIER is compatible with most fertilizers and pesticides. Always conduct a jar test when using new or untried combinations. The addition of 0.5% (total solution) of nitrogen solution, ammonium sulfate, or low biuret urea may aid leaf absorption.

**USE RATES FOR FOLIAR, SOIL, IN-FURROW AND/OR CHEMIGATION[\*] APPLICATION:**

**FOR ALL CROPS LISTED BELOW**

Use the higher rate listed in the use rates below by crop, for single planned foliar applications or through in furrow or chemigation (single or multiple) applications. With planned multiple foliar applications, the lower rates in the range below by crop applied multiple times is acceptable.

<b>CROP</b>	<b>USE RATE</b>	<b>APPLICATION</b>	<b>MAXIMUM APPLICATION RATES</b>
<b>ALFALFA[*]</b>	16-32 fl. oz./acre (1.2 to 2.4 liters/hectare)	At spring green up with repeat applications within 7 days after cutting each, with repeat sprays at 14 to 21 day intervals.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>APPLES[*]</b>	16-32 fl. oz./acre (1.2 to 2.4 liters/hectare)	1st application: at full pink flower bud. 2nd application: at calyx (petal fall). 3rd application: 3 weeks after 2nd spraying. 4th application: 4 weeks after 3rd spraying.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>ASPARAGUS[*]</b>	16-32 fl. oz./acre (1.2 to 2.4 liters/hectare)	1st application: spray crowns when growth begins. 2nd application: spray crowns after each cutting.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>BANANAS[*]</b>	16-32 fl. oz./acre (1.2 to 2.4 liters/hectare)	To reduce stress: Apply when stress conditions are anticipated. Rates and timing must be determined for each site. Make applications at least 14 days apart using ground sprayers, aerial sprayers, or by plant injection.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>BARLEY[*]</b>	16-32 fl. oz./acre (1.2 to 2.4 liters/hectare)	1st application: 14-21 days after planting. 2nd application: Late tiller stage. Repeat applications may be made every 14-21 days through heading.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6

			liters/hectare) per year
<b>ALL BEAN CROPS[*] (Green Beans[*], Snap Beans[*], Dry Edible Beans[*], Lentils[*])</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	May apply in furrow at planting. Foliar Applications: 1 <sup>st</sup> application: 4-5 inch stage. 2 <sup>nd</sup> application: at early bloom. 3 <sup>rd</sup> application: at early pod set.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>BEETS[*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	1 <sup>st</sup> application: at tuber initiation. 2 <sup>nd</sup> application: 2-3 weeks after 1 <sup>st</sup> spraying.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>CANOLA[*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	May apply in furrow at planting. Application: Apply 14-21 days after planting, with repeat application every 7-14 days	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>CARROTS[*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	1 <sup>st</sup> application: at tuber initiation. 2 <sup>nd</sup> application: 14-21 days after first spraying.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>CELERY[*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	Application: Use 16 fl. oz. /acre (1.2 liters/hectare) within 7 days after transplanting, repeat applications may be made 10 to 21 day intervals	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>CITRUS CROPS[*] (Oranges[*], Grapefruit[*], Lemons[*], Limes[*], Tangerines[*])</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	1 <sup>st</sup> application: pre-bloom. 2 <sup>nd</sup> application: at calyx (petal fall). 3 <sup>rd</sup> application: 3 weeks after 2 <sup>nd</sup> spraying. 4 <sup>th</sup> application: 4 weeks after 3 <sup>rd</sup> spraying.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>CORN[*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	May apply in furrow at planting. Foliar applications: 1 <sup>st</sup> application: At V3-V5 growth stage. 2 <sup>nd</sup> application: 10-14 days pre tassel or post tassel at R2 plant development stage.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>COTTON[*]</b>	16-32 fl. oz. /acre (1.2 to	May apply in furrow at planting. Foliar applications:	64 fl. Oz./acre (4.8

	2.4 liters/hectare)	1 <sup>st</sup> application: 30-40 days after planting with repeat applications at 14 to 21 day intervals.	liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>CRUCIFEROUS CROPS[*] (Cabbage, Broccoli, Cauliflower, Brussels Sprout)</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	1 <sup>st</sup> application: 3 to 4-inch stage. Repeat at 10 to 14 day intervals.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>CUCURBITS[*] (Cucumbers[*], Muskmelon[*], Cantaloupe[*], Watermelon[*], Honey Dew[*], Squash[*], etc.)</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	1 <sup>st</sup> application: 20-30 days after planting. 2 <sup>nd</sup> application: at early bloom. 3 <sup>rd</sup> application: start of fruit development.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>GRAPES[*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	1 <sup>st</sup> application: between leaf-out and pre-bloom. 2 <sup>nd</sup> application: at calyx (petal fall). 3 <sup>rd</sup> application: 30 days before harvest.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>OATS[*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	1 <sup>st</sup> application: Late tiller growth stage 2 <sup>nd</sup> application: Late boot stage to flag leaf stage.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>OLIVE[*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	Every 7 to 21 days from bud break through harvest.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>ONIONS[*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	1 <sup>st</sup> application: 7-14 days after transplanting, with repeat applications every 14-21 days up to harvest.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>PEACHES[*] AND NECTARINES[*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	1 <sup>st</sup> application: at pre-bloom. 2 <sup>nd</sup> application: at calyx (petal fall). 3 <sup>rd</sup> application: 3 weeks after 2 <sup>nd</sup> spraying. 4 <sup>th</sup> application: 4 weeks after 3 <sup>rd</sup> spraying.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6

			liters/hectare) per year
<b>PEANUTS[*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	May apply in furrow at planting. Foliar Applications: 1 <sup>st</sup> application: at pegging, with repeat applications made every 10- 14 day intervals continuing up to 20- 30 days pre-harvest.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>PEAS[*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	May apply in furrow at planting. Foliar applications: 1 <sup>st</sup> application: 3 to 4-inch stage. 2 <sup>nd</sup> application: Pre-bloom. 3 <sup>rd</sup> application: at early pod set.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>PEPPERS[*] AND EGGPLANT[*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	1 <sup>st</sup> application: just prior to 1 <sup>st</sup> bloom. 2 <sup>nd</sup> application: 10 days after 1 <sup>st</sup> spraying. 3 <sup>rd</sup> application: 10 days after 2 <sup>nd</sup> spraying.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>PINEAPPLE[*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	To reduce plant stress <sup>^</sup> : Apply to vegetative growth according to climate and crop needs at the site of proposed application. To improve fruit growth <sup>^</sup> : Apply post bloom according to climate and crop needs at the site of proposed application. <sup>^</sup> Allow at least 14 days between applications.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>POMEGRANATE[*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	Every 7 to 21 days from bud break through harvest.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>POTATOES[*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	1 <sup>st</sup> application: at tuber set (5-6 weeks after planting). 2 <sup>nd</sup> application: at full blossom (14- 21 days after 1 <sup>st</sup> application)	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>RICE[*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	1 <sup>st</sup> application: at 2 to 5 leaf stage with repeat application 14 to 21 days after.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6

			liters/hectare) per year
<b>RYE[*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	1 <sup>st</sup> application: 14-21 days after planting or for fall planted crops apply at spring green up. 2 <sup>nd</sup> application: Late tiller stage. With repeat applications made every 14-21 days through heading.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>SORGHUM (MILO) [*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	May apply in furrow at planting. 1 <sup>st</sup> application: At V3-V5 growth stage. 2 <sup>nd</sup> application: 10-14 days pre heading	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>SOYBEANS[*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	May apply in furrow at planting. Foliar Application: Apply beginning at V3 growth stage, with repeat application every 14-21 days up to R5.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>SPINACH[*] AND LETTUCE[*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	Application: 21-28 days after planting or 7-14 days after transplanting.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>STRAWBERRIES[*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	Application: Starting 7-14 days after planting or pre-bloom, with repeat applications made every 10-14 days.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>SUGAR BEETS[*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	1 <sup>st</sup> application: at tuber initiation. 2 <sup>nd</sup> application: 2-3 weeks after 1 <sup>st</sup> spraying.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>SUNFLOWER[*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	May apply in furrow at planting. 1 <sup>st</sup> application: 3-4 leaf growth stage. 2 <sup>nd</sup> application: at bud stage. 3 <sup>rd</sup> application: at flowering	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>SWEET POTATOES[*]</b>	16-32 fl. oz. /acre (1.2 to	1 <sup>st</sup> application: at tuber set (5-6 weeks after planting).	64 fl. Oz./acre (4.8

	2.4 liters/hectare)	2 <sup>nd</sup> application: at full blossom (14-21 days after 1 <sup>st</sup> application)	liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>TOMATOES[*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	1 <sup>st</sup> application: 7-14 days after transplanting. 2 <sup>nd</sup> application: 14-21 days after 1 <sup>st</sup> spray. 3 <sup>rd</sup> application: 14-21 days after 1 <sup>st</sup> bloom.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>TREE NUT CROPS[*] (Almond[*], Pecan[*], Pistachio[*], Walnut[*])</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	1 <sup>st</sup> application: pre-bloom. 2 <sup>nd</sup> application: at calyx (petal fall). 3 <sup>rd</sup> application: 14-21 days after 2 <sup>nd</sup> spraying. 4 <sup>th</sup> application: 21-28 days after 3 <sup>rd</sup> spraying.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>WHEAT[*]</b>	16-32 fl. oz. /acre (1.2 to 2.4 liters/hectare)	1 <sup>st</sup> application: 14-21 days after planting or for fall planted crops apply at spring green up. 2 <sup>nd</sup> application: Late tiller stage. With repeat applications made every 14-21 days through heading.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year
<b>ORNAMENTAL TREES AND HERBACEOUS PLANTS[*]</b>		Apply 32 fl. Oz. per acre as a foliar spray when growth begins in the early spring. Apply 32 fl. Oz. per acre at the end of summer to maintain color through autumn and aid in winter survival.	64 fl. Oz./acre (4.8 liters/hectare) per application; 128 fl. Oz./acre (9.6 liters/hectare) per year

[\*Not for use in California]

### **STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Store in a cool place and out of direct sunlight.

PESTICIDE DISPOSAL: To avoid wastes, use all of the material in this container by application according to label directions. If waste cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

CONTAINER HANDLING: **For containers 5 gallons or less: Triple Rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **For containers 5 gallons or greater: Triple Rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container  $\frac{1}{4}$  full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

### **WARRANTY**

To the fullest extent permitted by law, neither the manufacturers nor the seller make any warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use of this material when such use is contrary to label instructions. Read and follow the label directions carefully.

### **Manufactured by:**

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